



STIC Search Report

Biotech-Chem Library

STIC Database Tracking Number: 121804

**TO: Jennifer Graser
Location: REM/3b09/3c18
Art Unit: 1645
Wednesday, May 12, 2004**

Case Serial Number: 10/625221

**From: David Schreiber
Location: Biotech-Chem Library
Remsen E01A61
Phone: 272-2526**

david.schreiber@uspto.gov

Search Notes



STIC SEARCH RESULTS FEEDBACK FORM

Biotech-Chem Library

Questions about the scope or the results of the search? Contact *the searcher or contact*:

Mary Hale, Information Branch Supervisor
Remsen Bldg. 01 D86
571-272-2507

Voluntary Results Feedback Form

➤ I am an examiner in Workgroup: Example: 1610

➤ Relevant prior art **found**, search results used as follows:

- ☐ 102 rejection
- ☐ 103 rejection
- ☐ Cited as being of interest.
- ☐ Helped examiner better understand the invention.
- ☐ Helped examiner better understand the state of the art in their technology.

Types of relevant prior art found:

- ☐ Foreign Patent(s)
- ☐ Non-Patent Literature
(journal articles, conference proceedings, new product announcements etc.)

➤ Relevant prior art **not found**:

- ☐ Results verified the lack of relevant prior art (helped determine patentability).
- ☐ Results were not useful in determining patentability or understanding the invention.

Comments:

Drop off or send completed forms to STIC-Biotech-Chem Library Remsen Bldg.



SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: _____ Examiner #: _____ Date: _____
 Art Unit: _____ Phone Number 30 _____ Serial Number: _____
 Mail Box and Bldg Room Location: _____ Results Format Preferred (enter: PAPER DISK E-MAIL)

If more than one search is submitted, please prioritize searches in order of need.

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples of relevant citations, authors, etc. in known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: _____

Inventors (please provide full names): _____

Earliest Priority Filing Date: _____

**For Sequence Searches Only* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*

STAFF USE ONLY

	Type of Search	Vendors and cost where applicable
Searcher: <u>P. Schaefer</u>	NA Sequence (#) <u>2</u>	STN _____
Searcher Phone #: <u>272-2520</u>	AA Sequence (#) _____	Dialog _____
Searcher Location: <u>Rensselaer #61</u>	Structure (#) _____	Questel/Orbit _____
Date Searcher Picked Up: _____	Bibliographic _____	Dr.Link _____
Size Completed: <u>512</u>	Litigation _____	Lexis/Nexis _____
Searcher Prep & Review Time: <u>12</u>	Fulltext _____	Sequence Systems <u>CompuLink</u>
Clerical Prep Time: _____	Patent Family _____	WWW/Internet _____
Online Time: <u>15</u>	Other _____	Other (specify) _____

PTC : 5913 K 011

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OM nucleic - nucleic search, using sw model

Run on: May 11, 2004, 16:56:10 ; Search time 59 seconds
(without alignments)
3.879 Million cell updates/sec

Title: us-10-625-221-12
Perfect score: 1851
Sequence: 1 ccacacgcacactcatgt.....ttagcaactatttcgctc 1851

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 0.5

Searched: 134 seqs, 61827 residues
Total number of hits satisfying chosen parameters: 268

Minimum DB seq length: 0
Maximum DB seq length: 2000000000
Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries

Database : US08304732B.seq.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
C 1	39.0001	2.1	1114	1	US-08-304-732B-25
C 2	34	1.8	1114	1	Sequence 25, Appl
C 3	30	1.6	5953	1	Sequence 25, Appl
C 4	29.4	1.6	3754	1	Sequence 31, Appl
C 5	28.6	1.5	5953	1	Sequence 35, Appl
C 6	27.5	1.5	258	1	Sequence 24, Appl
C 7	27	1.5	9100	1	Sequence 27, Appl
C 8	26.4	1.4	1817	1	Sequence 1, Appl
C 9	25.4	1.4	1348	1	Sequence 15, Appl
C 10	25.4	1.4	9100	1	Sequence 27, Appl
C 11	24.8	1.3	1598	1	Sequence 26, Appl
C 12	23.2	1.3	1348	1	Sequence 15, Appl
C 13	23.2	1.3	2275	1	Sequence 2, Appl
C 14	22.6	1.2	1817	1	Sequence 1, Appl
C 15	22.4	1.2	1598	1	Sequence 26, Appl
C 16	22.4	1.2	3754	1	Sequence 31, Appl
C 17	22	1.2	258	1	Sequence 24, Appl
C 18	22	1.2	2275	1	Sequence 2, Appl
C 19	21.8	1.2	458	1	Sequence 29, Appl
C 20	21.8	1.2	2703	1	Sequence 6, Appl
C 21	21.8	1.2	3451	1	Sequence 18, Appl
C 22	21.4	1.2	179	1	Sequence 23, Appl
C 23	21.4	1.1	179	1	Sequence 23, Appl
C 24	21	1.1	241	1	Sequence 7, Appl
C 25	19.8	1.1	1390	1	Sequence 30, Appl
C 26	19.6	1.1	458	1	Sequence 29, Appl
C 27	19.6	1.1	648	1	Sequence 30, Appl
C 28	19.6	1.1	2703	1	Sequence 6, Appl
C 29	19.2	1.0	1552	1	Sequence 32, Appl
C 30	19.2	1.0	3451	1	Sequence 18, Appl
C 31	19	1.0	379	1	Sequence 12, Appl
C 32	19	1.0	379	1	Sequence 12, Appl
C 33	19	1.0	1290	1	Sequence 7, Appl

ALIGNMENTS

RESULT 1

US-08-304-732B-25/c
; Sequence 25, Application US/08304732B
; GENERAL INFORMATION:
; APPLICANT: BERGERON, Michel G.
; APPLICANT: OUELLETTE, Marc
; APPLICANT: ROY, Paul H.
; TITLE OF INVENTION: SPECIFIC AND UNIVERSAL PROBES TO RAPIDLY
; TITLE OF INVENTION: DETECT AND IDENTIFY COMMON BACTERIA FROM URINARY OR ANY
; TITLE OF INVENTION: OTHER BIOLOGICAL SAMPLES IN THE ROUTINE MICROBIOLOGY
; TITLE OF INVENTION: LABORATORY
; NUMBER OF SEQUENCES: 134
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Quarles & Brady
; STREET: 411 East Wisconsin Avenue
; CITY: Milwaukee
; STATE: Wisconsin
; COUNTRY: USA
; ZIP: 53202-4497
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/304.732B
; FILING DATE: 12-SEP-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: BAKER, Jean C. 35,433
; REGISTRATION NUMBER: 850586.90012
; REFERENCE/DOCKET NUMBER:
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (414) 277-5000
; TELEFAX: (414) 277-5591
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1114 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; ORIGINAL SOURCE:
; ORGANISM: Haemophilus influenzae

34	18.6	1.0	168	1	US-08-304-732B-21	Sequence 21, Appl
35	18.6	1.0	1487	1	US-08-304-732B-33	Sequence 33, Appl
36	18.4	1.0	2032	1	US-08-304-732B-16	Sequence 16, Appl
37	18.4	1.0	2904	1	US-08-304-732B-36	Sequence 36, Appl
38	18.2	1.0	2893	1	US-08-304-732B-37	Sequence 37, Appl
39	18	1.0	277	1	US-08-304-732B-4	Sequence 4, Appl
40	18	1.0	648	1	US-08-304-732B-30	Sequence 30, Appl
41	17.6	1.0	1541	1	US-08-304-732B-34	Sequence 34, Appl
42	17.4	0.9	2032	1	US-08-304-732B-16	Sequence 16, Appl
43	17.2	0.9	419	1	US-08-304-732B-28	Sequence 28, Appl
44	17.2	0.9	2904	1	US-08-304-732B-36	Sequence 36, Appl
45	17	0.9	241	1	US-08-304-732B-3	Sequence 3, Appl

Query Match 2.1%; Score 39.0001; DB 1; Length 1114;
Best Local Similarity 46.8%; Pred. No. 0.005;
Matches 123; Conservative 0; Mismatches 140; Indels 0; Gaps 0;
QY 597 ATATATAACATTTTCCTCTACCTCTATTCGTAAGAATAAAATATG 656
Db 799 ATAAATCAGAAATGATGATCATCAAGCATCTCTGTAATTTTAAATTAACATTC 740
QY 657 TTTTTCCTGTTTATATAATAAAATTAATAATAAGTTAATGTTTTTAAAAATATAC 716

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Db 739 TTTTTCACAAAAATAAAATTTTTCATTTTATATCTATTAATCAATCAATATCT 680
QY 717 AATTTTATCTATTATAGTAGTATTTTTCATTTAGTAATATGCGAATGTAA 776
Db 679 TAGATGTTTTTTTATAAAGTATCTTTTTTAAAGAAAGTAAAGTTTACTACTGTTT 620
QY 777 TAACCTTTTAAATCTAGAGGAGAACCCAGATATAAAATGGAGGAGATATTAATGGAAC 836
Db 619 TTTCTTTTATGAAATTCCTGTAACCTAACTGATCAAGTAATAGGCTTTGTAAACA 560
QY 837 AATAAAAAAGTATGAAGAAAT 859
Db 559 TCAAATTTATGATGAGAAAT 537

RESULT 2
US-08-304-732B-25
; Sequence 25, Application US/08304732B
; GENERAL INFORMATION:
; APPLICANT: BERGERON, Michel G.
; APPLICANT: OUELLETTE, Marc
; APPLICANT: ROY, Paul H.
; TITLE OF INVENTION: SPECIFIC AND UNIVERSAL PROBES TO RAPIDLY
; TITLE OF INVENTION: DETECT AND IDENTIFY COMMON BACTERIA FROM URINARY OR ANY
; TITLE OF INVENTION: OTHER BIOLOGICAL SAMPLES IN THE ROUTINE MICROBIOLOGY
; TITLE OF INVENTION: LABORATORY
; NUMBER OF SEQUENCES: 134
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Quarles & Brady
; STREET: 411 East Wisconsin Avenue
; CITY: Milwaukee
; STATE: Wisconsin
; COUNTRY: USA
; ZIP: 53202-4497
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/304,732B
; FILING DATE: 12-SEP-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: BAKER, Jean C.
; REGISTRATION NUMBER: 35,433
; REFERENCE/DOCKET NUMBER: 850586.90012
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (414) 277-5000
; TELEFAX: (414) 277-5591
; INFORMATION FOR SEQ ID NO: 25:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1114 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; ORIGINAL SOURCE:
; ORGANISM: Haemophilus influenzae
; US-08-304-732B-25

Query Match 1.8%; Score 34; DB 1; Length 1114;
Best Local Similarity 59.2%; Pred. No. 0.05;
Matches 58; Conservative 0; Mismatches 40; Indels 0; Gaps 0;

QY 639 AGATAAAAAATACATTTCTTTTTCATTTTATTAATAAATTAATAATAGTTAA 698
Db 665 ATAAAAAACATCTAAGATATGATTTTATAGATTAATAAACCAATAAAATTTATT 724
QY 699 TGTTTTAAAAATACAAATTTATCTATTATAGT 736
Db 725 TTTTGTAAAAAAGATAGTTTATTTTAAATAAAT 762

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RESULT 3
US-08-304-732B-35/c
; Sequence 35, Application US/08304732B
; GENERAL INFORMATION:
; APPLICANT: BERGERON, Michel G.
; APPLICANT: OUELLETTE, Marc
; APPLICANT: ROY, Paul H.
; TITLE OF INVENTION: SPECIFIC AND UNIVERSAL PROBES TO RAPIDLY
; TITLE OF INVENTION: DETECT AND IDENTIFY COMMON BACTERIA FROM URINARY OR ANY
; TITLE OF INVENTION: OTHER BIOLOGICAL SAMPLES IN THE ROUTINE MICROBIOLOGY
; TITLE OF INVENTION: LABORATORY
; NUMBER OF SEQUENCES: 134
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Quarles & Brady
; STREET: 411 East Wisconsin Avenue
; CITY: Milwaukee
; STATE: Wisconsin
; COUNTRY: USA
; ZIP: 53202-4497
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/304,732B
; FILING DATE: 12-SEP-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: BAKER, Jean C.
; REGISTRATION NUMBER: 35,433
; REFERENCE/DOCKET NUMBER: 850586.90012
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (414) 277-5000
; TELEFAX: (414) 277-5591
; INFORMATION FOR SEQ ID NO: 35:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 5953 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; ORIGINAL SOURCE:
; ORGANISM: Lactococcus lactis
; US-08-304-732B-35

Query Match 1.6%; Score 30; DB 1; Length 5953;
Best Local Similarity 50.3%; Pred. No. 0.36;
Matches 97; Conservative 0; Mismatches 90; Indels 6; Gaps 1;

QY 609 TTTCATCCTCCATCATCTATTCGTAAAGATAAAATAACTATTTGTTTTGTTA 668
Db 257 TTATTTTCATGCCACCTAGCTTTGGTAAATTAATAAAATTTAGTCTTTTAACTTGCTT 198
QY 669 TTTTATAATAAATTAATTAATAGTAATGTTTTTTTAAAAATATACAAATTTATCTA 728
Db 197 TTTTCT-----TTTTTTAAAGATAAGTGCTTATTTTAGTCTTCTTACCTTATGAG 144
QY 729 TTTATAGTTAGCTATTTTTCATTTAGTAATATTTGGTGAATTCGTAATTAACCTTTTAA 788
Db 143 AATAAAATTTCTTTGATTTTTCAGTAGAATGATGTTTTTAACTTAACATAATTTTATT 84
QY 789 ATCTAGAGGAGAA 801
Db 83 AATAATAGTAGAA 71

RESULT 4
US-08-304-732B-31
; Sequence 31, Application US/08304732B
; GENERAL INFORMATION:
; APPLICANT: BERGERON, Michel G.

```

```

CITY: Milwaukee
STATE: Wisconsin
COUNTRY: USA
ZIP: 53202-4497
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/304,732B
FILING DATE: 12-SEP-1994
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: BAKER, Jean C.
REGISTRATION NUMBER: 35,433
REFERENCE/DOCKET NUMBER: 850586.90012
TELECOMMUNICATION INFORMATION:
TELEPHONE: (414) 277-5000
TELEFAX: (414) 277-5591
INFORMATION FOR SEQ ID NO: 35:
SEQUENCE CHARACTERISTICS:
LENGTH: 5953 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
ORIGINAL SOURCE:
ORGANISM: Lactococcus lactis
US-08-304-732B-35

Query Match 1.5% Score 28.6; DB 1; Length 5953;
Best Local Similarity 50.8%; Pred. No. 0.68; Indels 4; Gaps 1;
Matches 91; Conservative 0; Mismatches 84;

QY 697 AATGTTTTTAAATAATACAATTTTATCTATTATAGCTAGCTATTTTTCATGTGA 756
Db 47 AATAAATAAAGAGAATTCATTTTCTACTATTATATAAAAAATTTAGTTAAGTTAA 106
QY 757 ---GTAATATGGTGAATGTGAATACCTTTTAAATCTAGAGGAGACCGAGATATA 812
Db 107 AAGCATCATTTCTACGTAAATAATCAAGAAGATTTTATCTCAATAGGTAAGAAGACTAAA 166
QY 813 AATGAGGAATATTTAATGGAACAATAAAAAAGATTTGAGAAAAATGATATTTTTTGT 871
Db 167 ATAAGCACTTATCTTATTATAAAAAAGAAAAAGCAAGTTAAAAAAGACTAATTTTTT 225

RESULT 6
US-08-304-732B-24
; Sequence 24, Application US/08304732B
; GENERAL INFORMATION:
; APPLICANT: BERGERON, Michel G.
; APPLICANT: OUELLETTE, Marc
; APPLICANT: ROY, Paul H.
; TITLE OF INVENTION: SPECIFIC AND UNIVERSAL PROBES TO RAPIDLY
; TITLE OF INVENTION: DETECT AND IDENTIFY COMMON BACTERIA FROM URINARY OR ANY
; TITLE OF INVENTION: OTHER BIOLOGICAL SAMPLES IN THE ROUTINE MICROBIOLOGY
; TITLE OF INVENTION: LABORATORY
; NUMBER OF SEQUENCES: 134
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Quaries & Brady
; STREET: 411 East Wisconsin Avenue
; CITY: Milwaukee
; STATE: Wisconsin
; COUNTRY: USA
; ZIP: 53202-4497
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:

```

```
; APPLICATION NUMBER: US/08/304,732B
; FILING DATE: 12-SEP-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: BAKER, Jean C.
; REGISTRATION NUMBER: 35,433
; REFERENCE/DOCKET NUMBER: 850586.90012
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (414) 277-5000
; TELEFAX: (414) 277-5591
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 258 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; ORIGINAL SOURCE:
; ORGANISM: Staphylococcus saprophyticus
; US-08-304-732B-24

Query Match      1.5%; Score 27.5; DB 1; Length 258;
Best Local Similarity 48.0%; Pred. No. 0.92; Indels 5; Gaps 1;
Matches 106; Conservative 0; Mismatches 110;

QY 515 AAATATCTTCCGTTTACGCACTATCGCTACTGTGTCACCTAAATATACCCCTTATC 574
Db 10 AATTACATTTCCGCTCATTCAGTACGACGCAATCGCGTCAGATAGTTCTCTCGTTAGC 69
QY 575 AATCGCTCTCTTAACCTCACTATATACATATTC-----ATCCTCCTACCTATCTA 629
Db 70 TTGACTCTTAACCAATCTGTCTAAATTTCTTTAAATCTTTTGATTCGTACTAGAAATTTA 129
QY 630 TTGCTAAAAAGATAAAATAACTATTGTTTTTTTGTATTATTAATAAAATTAATAAT 689
Db 130 CTTCATATCTCTGTTATTCATACTGCTATCATATATAATCATAGTATCACAATTTG 189
QY 690 ATAAGTTAAATGTTTTTAAAAATATACAAATTTTATCTATT 730
Db 190 ATGAATACTTGTATCTTGCAATACAGGCAGTGGTCCATT 230

RESULT 7
US-08-304-732B-27
; Sequence 27, Application US/08304732B
; GENERAL INFORMATION:
; APPLICANT: BERGERON, Michel G.
; APPLICANT: OUELLETTE, Marc
; APPLICANT: ROY, Paul H.
; TITLE OF INVENTION: SPECIFIC AND UNIVERSAL PROBES TO RAPIDLY
; TITLE OF INVENTION: DETECT AND IDENTIFY COMMON BACTERIA FROM URINARY OR ANY
; TITLE OF INVENTION: OTHER BIOLOGICAL SAMPLES IN THE ROUTINE MICROBIOLOGY
; NUMBER OF SEQUENCES: 134
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Quarles & Brady
; STREET: 411 East Wisconsin Avenue
; CITY: Milwaukee
; STATE: Wisconsin
; COUNTRY: USA
; ZIP: 53202-4497
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/304,732B
; FILING DATE: 12-SEP-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: BAKER, Jean C.
; REGISTRATION NUMBER: 35,433
```

```
; REFERENCE/DOCKET NUMBER: 850586.90012
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (414) 277-5000
; TELEFAX: (414) 277-5591
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 9100 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; ORIGINAL SOURCE:
; ORGANISM: Haemophilus influenzae
; US-08-304-732B-27

Query Match      1.5%; Score 27; DB 1; Length 9100;
Best Local Similarity 51.2%; Pred. No. 1.4; Indels 0; Gaps 0;
Matches 63; Conservative 0; Mismatches 60;

QY 668 ATTTTATAATAAAATATTATATATAAGTTAATGTTTTTTTAAAAATATACAAATTTATCT 727
Db 5981 ATTAAGTTTTTAAAGGAAGATTATGAAGAAATATTTTAAAGTGGCTTATTTTAGT 6040
QY 728 ATTTATAGTTAGCTATTTTTCATTTAGTAATATTGGTGAATTGTAATAACCTTTTAA 787
Db 6041 ATGTTTTGTTTGCCATTATCGTTTTTGTCTAATCTCTAAACAGATAACGAACTTTTT 6100
QY 788 AAT 790
Db 6101 TAT 6103

RESULT 8
US-08-304-732B-1
; Sequence 1, Application US/08304732B
; GENERAL INFORMATION:
; APPLICANT: BERGERON, Michel G.
; APPLICANT: OUELLETTE, Marc
; APPLICANT: ROY, Paul H.
; TITLE OF INVENTION: SPECIFIC AND UNIVERSAL PROBES TO RAPIDLY
; TITLE OF INVENTION: DETECT AND IDENTIFY COMMON BACTERIA FROM URINARY OR ANY
; TITLE OF INVENTION: OTHER BIOLOGICAL SAMPLES IN THE ROUTINE MICROBIOLOGY
; NUMBER OF SEQUENCES: 134
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Quarles & Brady
; STREET: 411 East Wisconsin Avenue
; CITY: Milwaukee
; STATE: Wisconsin
; COUNTRY: USA
; ZIP: 53202-4497
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent In Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/304,732B
; FILING DATE: 12-SEP-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: BAKER, Jean C.
; REGISTRATION NUMBER: 35,433
; REFERENCE/DOCKET NUMBER: 850586.90012
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (414) 277-5000
; TELEFAX: (414) 277-5591
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1817 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
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```
/ MOLECULE TYPE: DNA (genomic)
/ ORIGINAL SOURCE:
/ ORGANISM: Enterococcus faecalis
US-08-304-732B-1

Query Match          1.4%; Score 26.4; DB 1; Length 1817;
Best Local Similarity 51.7%; Pred. No. 1.7;
Matches 60; Conservative 0; Mismatches 56; Indels 0; Gaps 0;

QY 1306 CATTGTGATATTGAACAATAAATAAATGTAAGTCTCAAGAATTAGACTATTAAGTTA 1365
Db 618 CAATCGGTGAAGAGGAGTAAATAAATTTGTTCTTCGTGATAATCCAGAACTAAAGATC 677

QY 1366 GAAATATCTTACAGATATTAAGCAACTATATATCTAATGAGCCTTCTAAATATGAA 1421
Db 678 TTGTCCTTTTACGATTACCAACAGTGTAATAATGAAGGCAATATTTTATATAA 733

RESULT 9
US-08-304-732B-15
; Sequence 15, Application US/08304732B
; GENERAL INFORMATION:
; APPLICANT: BERGERON, Michel G.
; APPLICANT: OUELLETTE, Marc
; APPLICANT: ROY, Paul H.
; TITLE OF INVENTION: SPECIFIC AND UNIVERSAL PROBES TO RAPIDLY
; TITLE OF INVENTION: DETECT AND IDENTIFY COMMON BACTERIA FROM URINARY OR ANY
; TITLE OF INVENTION: OTHER BIOLOGICAL SAMPLES IN THE ROUTINE MICROBIOLOGY
; NUMBER OF SEQUENCES: 134
; CORRESPONDENCE ADDRESS:
; ADDRESS: Quarles & Brady
; CITY: Milwaukee
; STATE: Wisconsin
; COUNTRY: USA
; ZIP: 53202-4497
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/304,732B
; FILING DATE: 12-SEP-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: BAKER, Jean C.
; REGISTRATION NUMBER: 35,433
; REFERENCE/DOCKET NUMBER: 850586.90012
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (414) 277-5000
; TELEFAX: (414) 277-5591
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1348 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; ORIGINAL SOURCE:
; ORGANISM: Proteus mirabilis
US-08-304-732B-15

Query Match          1.4%; Score 25.4; DB 1; Length 1348;
Best Local Similarity 48.9%; Pred. No. 2.7;
Matches 68; Conservative 0; Mismatches 71; Indels 0; Gaps 0;

QY 1304 ATCAATTGATATTGAACAATAAATAAATGCTCAAGATTAGACTATTAAGT 1363
Db 13 ATCAATTCTTAAGAAATTTATTAATTAATTAATCACTGTATGATTATACAGTAAAT 72

QY 1364 TAGAAATATCTTACAGATATAAGCAACTATATATACTAATGACCTCTTAATATGAAC 1423
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Db 73 GAGTTTCAACAAACAAATCATATAGCTTTTAATGGTAGTACCCTATCTTTATGCTTAC 132
QY 1424 TGGATATATAAAGTTTCATA 1442
Db 133 TGCCGAGAGGGAGATACA 151

RESULT 10
US-08-304-732B-27/c
; Sequence 27, Application US/08304732B
; GENERAL INFORMATION:
; APPLICANT: BERGERON, Michel G.
; APPLICANT: OUELLETTE, Marc
; APPLICANT: ROY, Paul H.
; TITLE OF INVENTION: SPECIFIC AND UNIVERSAL PROBES TO RAPIDLY
; TITLE OF INVENTION: DETECT AND IDENTIFY COMMON BACTERIA FROM URINARY OR ANY
; TITLE OF INVENTION: OTHER BIOLOGICAL SAMPLES IN THE ROUTINE MICROBIOLOGY
; NUMBER OF SEQUENCES: 134
; CORRESPONDENCE ADDRESS:
; ADDRESS: Quarles & Brady
; STREET: 411 East Wisconsin Avenue
; CITY: Milwaukee
; STATE: Wisconsin
; COUNTRY: USA
; ZIP: 53202-4497
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/304,732B
; FILING DATE: 12-SEP-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: BAKER, Jean C.
; REGISTRATION NUMBER: 35,433
; REFERENCE/DOCKET NUMBER: 850586.90012
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (414) 277-5000
; TELEFAX: (414) 277-5591
; INFORMATION FOR SEQ ID NO: 27:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 9100 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; ORIGINAL SOURCE:
; ORGANISM: Haemophilus influenzae
US-08-304-732B-27

Query Match          1.4%; Score 25.4; DB 1; Length 9100;
Best Local Similarity 49.6%; Pred. No. 2.8;
Matches 65; Conservative 0; Mismatches 66; Indels 0; Gaps 0;

QY 560 AATATACCCCTTATCAATCGCTTTTAAACATCATCTATATATAACATATTCCTCC 619
Db 8079 AATAATAGGCTTATCGGCTTTTTTCCAGTGCTTTATATTAAAGCTCGTGCAGCCCC 8020

QY 620 TACATATCTATTCGTAAAGATATAAATAACTATTGTTTTTTTGTATTATATAA 679
Db 8019 ACATTGAATCTCTCCACACCTAATTTTTCGCAACAAATTTTGAGATTCATTGAGTG 7960
QY 680 AATTATTATA 690
Db 7959 AACAGTAGTA 7949

RESULT 11
US-08-304-732B-26
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```
; Sequence 26, Application US/08304732B
; GENERAL INFORMATION:
; APPLICANT: BERGERON, Michel G.
; APPLICANT: OUELLETTE, Marc
; APPLICANT: ROY, Paul H.
; TITLE OF INVENTION: SPECIFIC AND UNIVERSAL PROBES TO RAPIDLY
; TITLE OF INVENTION: DETECT AND IDENTIFY COMMON BACTERIA FROM URINARY OR ANY
; TITLE OF INVENTION: OTHER BIOLOGICAL SAMPLES IN THE ROUTINE MICROBIOLOGY
; TITLE OF INVENTION: LABORATORY
; NUMBER OF SEQUENCES: 134
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Quarles & Brady
; STREET: 411 East Wisconsin Avenue
; CITY: Milwaukee
; STATE: Wisconsin
; COUNTRY: USA
; ZIP: 53202-4497
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/304,732B
; FILING DATE: 12-SEP-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: BAKER, Jean C.
; REGISTRATION NUMBER: 35,433
; REFERENCE/DOCKET NUMBER: 850586.90012
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (414) 277-5000
; TELEFAX: (414) 277-5591
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1348 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; ORIGINAL SOURCE:
; ORGANISM: Proteus mirabilis
;
; US-08-304-732B-15
;
; Query Match 1.3%; Score 23.2; DB 1; Length 1348;
; Best Local Similarity 50.0%; Pred. No. 7.2; Mismatches 58; Indels 0; Gaps 0;
; Matches 58; Conservative 0;
;
; QY 680 AATTATTATAATGTTATGTTTTTAAATAATATACAAATTTTCTTCTATATAGTAG 739
; DB 129 AAGCATAAAGATGGGTCACTACCAATTAACGCTATATGATTTTGTGTGAACCTCATT 70
;
; QY 740 CTTATTTTTCATGTTAGTAATATGGTGAATGTAATACCTTTTAAATCTAGA 795
; DB 69 ATACTGTATAATCATACATCAAGTTAATTAATTAATTTCTTAAAGAAATTGA 14
;
; RESULT 13
; US-08-304-732B-2/c
; Sequence 2, Application US/08304732B
; GENERAL INFORMATION:
; APPLICANT: BERGERON, Michel G.
; APPLICANT: OUELLETTE, Marc
; APPLICANT: ROY, Paul H.
; TITLE OF INVENTION: SPECIFIC AND UNIVERSAL PROBES TO RAPIDLY
; TITLE OF INVENTION: DETECT AND IDENTIFY COMMON BACTERIA FROM URINARY OR ANY
; TITLE OF INVENTION: OTHER BIOLOGICAL SAMPLES IN THE ROUTINE MICROBIOLOGY
; TITLE OF INVENTION: LABORATORY
; NUMBER OF SEQUENCES: 134
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Quarles & Brady
; STREET: 411 East Wisconsin Avenue
; CITY: Milwaukee
; STATE: Wisconsin
; COUNTRY: USA
; ZIP: 53202-4497
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/304,732B
; FILING DATE: 12-SEP-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: BAKER, Jean C.
;
; US-08-304-732B-26
;
; Query Match 1.3%; Score 24.8; DB 1; Length 1598;
; Best Local Similarity 54.3%; Pred. No. 3.6; Mismatches 42; Indels 0; Gaps 0;
; Matches 50; Conservative 0;
;
; QY 136 TCACGCAATCGGCAATGATGACATGGAACTAAATTCATCAATTTCTTACTAACAGC 195
; DB 1310 TTACTTAAAGGCAAAAGTTCACTTTAAGAAGTAAACATAGTGACAAACGTAC 1369
;
; QY 196 AACTAGATTGACAACTAATTTCTCAACAAAGT 227
; DB 1370 ATTGACATTGAATCAACTGCAAAATTATACCT 1401
;
; RESULT 12
; US-08-304-732B-15/c
; Sequence 15, Application US/08304732B
; GENERAL INFORMATION:
; APPLICANT: BERGERON, Michel G.
; APPLICANT: OUELLETTE, Marc
; APPLICANT: ROY, Paul H.
; TITLE OF INVENTION: SPECIFIC AND UNIVERSAL PROBES TO RAPIDLY
; TITLE OF INVENTION: DETECT AND IDENTIFY COMMON BACTERIA FROM URINARY OR ANY
; TITLE OF INVENTION: OTHER BIOLOGICAL SAMPLES IN THE ROUTINE MICROBIOLOGY
; TITLE OF INVENTION: LABORATORY
; NUMBER OF SEQUENCES: 134
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Quarles & Brady
; STREET: 411 East Wisconsin Avenue
; CITY: Milwaukee
```

```

; REGISTRATION NUMBER: 35,433
; REFERENCE/DOCKET NUMBER: 850586.90012
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (414) 277-5000
; TELEFAX: (414) 277-5591
; INFORMATION FOR SEQ ID NO: 2:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 2275 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; ORIGINAL SOURCE:
; ORGANISM: Enterococcus faecalis
; US-08-304-732B-2

Query Match 1.3%; Score 23.2; DB 1; Length 2275;
Best Local Similarity 46.8%; Pred. No. 7.3;
Matches 73; Conservative 0; Mismatches 83; Indels 0; Gaps 0;

QY 450 TCTTCCACTCTCTACCGTCACAACTTCATCATCTCTCACTTTTCGTGTTGTAACACA 509
DB 1339 TCTTTATGTTTGTATGTAATGGAACAATCCGATCAACTCGCGCATCAGGAAACCAATCCAT 1280

QY 510 TAATCAAAATATCTTCCGTTTTTACGCACTATCGTGTCTACCTTAAATATACCCC 569
DB 1279 TCTTCAGATGAAGCTGGGTTTTTCAATATATTATGGCCACTTCTTCTGCTAAAAGGTTGAA 1220

QY 570 TTATCAATCGCTCTTTAAACTCATCTATATATAAC 605
DB 1219 CCACCAATCATATTTTCAAGCGATAATATCCAGC 1184

RESULT 14
US-08-304-732B-1/c
; Sequence 1, Application US/08304732B
; GENERAL INFORMATION:
; APPLICANT: BERGERON, Michel G.
; APPLICANT: OUELLETTE, Marc
; APPLICANT: ROY, Paul H.
; TITLE OF INVENTION: SPECIFIC AND UNIVERSAL PROBES TO RAPIDLY
; TITLE OF INVENTION: DETECT AND IDENTIFY COMMON BACTERIA FROM URINARY OR ANY
; TITLE OF INVENTION: OTHER BIOLOGICAL SAMPLES IN THE ROUTINE MICROBIOLOGY
; NUMBER OF SEQUENCES: 134
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Quarles & Brady
; STREET: 411 East Wisconsin Avenue
; CITY: Milwaukee
; STATE: Wisconsin
; COUNTRY: USA
; ZIP: 53202-4497
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; FILING DATE: 12-SEP-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: BAKER, Jean C.
; REGISTRATION NUMBER: 35,433
; REFERENCE/DOCKET NUMBER: 850586.90012
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (414) 277-5000
; TELEFAX: (414) 277-5591
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1817 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; ORIGINAL SOURCE:
; ORGANISM: Enterococcus faecalis
; US-08-304-732B-1

Query Match 1.2%; Score 22.6; DB 1; Length 1817;
Best Local Similarity 45.7%; Pred. No. 9.5;
Matches 79; Conservative 0; Mismatches 94; Indels 0; Gaps 0;

QY 1009 CTCACGAGAAATGGAATCTGTTGATCAACTTTATCTCACCATTAAATATATATGTTT 1068
DB 1102 CCCTCGATCATCAATACTGTCGTTGGAAATGATCTTCATATATATGTTTTCACAAATTT 1043

QY 1069 CAGGGCCAAATTATGATAAATTAATAAAGTGAACCTTAAGAACCAAGAGATGGCAACTTTAT 1128
DB 1042 TCCATGCTATAGCGCTCAATAGCATTCIGATTTAATGCTAGTAGTGCGCGCTTGAAT 983

QY 1129 TTAAGGATAAAAAAGTTGATATTTATGTTGTTAGAAATATTACCAATCTCTGTTAT 1181
DB 982 AATAGAATAATTATTTTGGCATCAACTACTGTCATGTTAAACCCCTGTGTTAT 930

RESULT 15
US-08-304-732B-26/c
; Sequence 26, Application US/08304732B
; GENERAL INFORMATION:
; APPLICANT: BERGERON, Michel G.
; APPLICANT: OUELLETTE, Marc
; APPLICANT: ROY, Paul H.
; TITLE OF INVENTION: SPECIFIC AND UNIVERSAL PROBES TO RAPIDLY
; TITLE OF INVENTION: DETECT AND IDENTIFY COMMON BACTERIA FROM URINARY OR ANY
; TITLE OF INVENTION: OTHER BIOLOGICAL SAMPLES IN THE ROUTINE MICROBIOLOGY
; NUMBER OF SEQUENCES: 134
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Quarles & Brady
; STREET: 411 East Wisconsin Avenue
; CITY: Milwaukee
; STATE: Wisconsin
; COUNTRY: USA
; ZIP: 53202-4497
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; FILING DATE: 12-SEP-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: BAKER, Jean C.
; REGISTRATION NUMBER: 35,433
; REFERENCE/DOCKET NUMBER: 850586.90012
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (414) 277-5000
; TELEFAX: (414) 277-5591
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1598 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; ORIGINAL SOURCE:
; ORGANISM: Haemophilus influenzae
; US-08-304-732B-26

Query Match 1.2%; Score 22.4; DB 1; Length 1598;
Best Local Similarity 52.1%; Pred. No. 10;
Matches 50; Conservative 0; Mismatches 46; Indels 0; Gaps 0;
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; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; ORIGINAL SOURCE:
; ORGANISM: Enterococcus faecalis
; US-08-304-732B-1

Query Match 1.2%; Score 22.6; DB 1; Length 1817;
Best Local Similarity 45.7%; Pred. No. 9.5;
Matches 79; Conservative 0; Mismatches 94; Indels 0; Gaps 0;

QY 1009 CTCACGAGAAATGGAATCTGTTGATCAACTTTATCTCACCATTAAATATATATGTTT 1068
DB 1102 CCCTCGATCATCAATACTGTCGTTGGAAATGATCTTCATATATATGTTTTCACAAATTT 1043

QY 1069 CAGGGCCAAATTATGATAAATTAATAAAGTGAACCTTAAGAACCAAGAGATGGCAACTTTAT 1128
DB 1042 TCCATGCTATAGCGCTCAATAGCATTCIGATTTAATGCTAGTAGTGCGCGCTTGAAT 983

QY 1129 TTAAGGATAAAAAAGTTGATATTTATGTTGTTAGAAATATTACCAATCTCTGTTAT 1181
DB 982 AATAGAATAATTATTTTGGCATCAACTACTGTCATGTTAAACCCCTGTGTTAT 930

RESULT 15
US-08-304-732B-26/c
; Sequence 26, Application US/08304732B
; GENERAL INFORMATION:
; APPLICANT: BERGERON, Michel G.
; APPLICANT: OUELLETTE, Marc
; APPLICANT: ROY, Paul H.
; TITLE OF INVENTION: SPECIFIC AND UNIVERSAL PROBES TO RAPIDLY
; TITLE OF INVENTION: DETECT AND IDENTIFY COMMON BACTERIA FROM URINARY OR ANY
; TITLE OF INVENTION: OTHER BIOLOGICAL SAMPLES IN THE ROUTINE MICROBIOLOGY
; NUMBER OF SEQUENCES: 134
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Quarles & Brady
; STREET: 411 East Wisconsin Avenue
; CITY: Milwaukee
; STATE: Wisconsin
; COUNTRY: USA
; ZIP: 53202-4497
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; FILING DATE: 12-SEP-1994
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: BAKER, Jean C.
; REGISTRATION NUMBER: 35,433
; REFERENCE/DOCKET NUMBER: 850586.90012
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (414) 277-5000
; TELEFAX: (414) 277-5591
; INFORMATION FOR SEQ ID NO: 26:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 1598 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: double
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; ORIGINAL SOURCE:
; ORGANISM: Haemophilus influenzae
; US-08-304-732B-26

Query Match 1.2%; Score 22.4; DB 1; Length 1598;
Best Local Similarity 52.1%; Pred. No. 10;
Matches 50; Conservative 0; Mismatches 46; Indels 0; Gaps 0;
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Wed May 12 06:49:18 2004

Qy	562	TATACCCCTTATCAATCGCTTCTTTAACTCATCTATATATAAACAATATTTTCATCCTCCTA	621
Db	371	TATGCTTTCATCCCATCTGAATTTGTTATTAATCTGAGCATAAAGAATTACATCACCATT	312
Qy	622	CCTATCTATTTCGTAAGATAAAATAAATACTATTGT	657
Db	311	CATATTAATTTCTAGAATCAATATATAAAGCCACCTGT	276

Search completed: May 11, 2004, 16:57:10
Job time : 60 secs